

Environmental Protection Agency

2200 Churchill Road, Springfield, Illinois 62706

217/782-6760

Refer to: Will County - DuPage Township/DuPage Land Reclamation
"Lemont/Land and Lakes"
Experimental Permit No. 1976-17-OP
Supplemental Permit No. 1981-92

October 7, 1981

James J. Cowhey, President
Land and Lakes Company
123 N. Northwest Highway
Park Ridge, IL 60068

EPA Region 5 Records Ctr.



358273

Gentlemen:

Supplemental Operating Permit is hereby granted to Land and Lakes Company for Phase IB at the above referenced site all in accordance with the request by Don R. Fielding, P.E., dated September 4, 1981 and received by this Agency on September 8, 1981. This supplemental permit is further subject to the following special conditions:

1. This permit is to allow the use of only that portion of the site designated as Phase IB as shown on the revised plan sheet, drawing number 1750, received by this Agency on September 8, 1981. No waste may be deposited in any additional areas until they have been developed according to plan, and Supplemental Operating Permits for the developed areas have been obtained. The present and future developed areas shall be marked at the corners with orange stakes.
2. The sidewall liners shall at all times be completed at least two (2) feet above the level of any refuse. Permeable materials which fall off the sidewalls onto the sidewall liners shall be removed before additional lifts of the liner are constructed.
3. The following monitor wells shall be installed as per the Agency's June 26, 1981 letter:
 - a. A monitor well shall be installed near well B-2, to monitor shallow groundwater, with the screening interval extending from 5 feet above to 5 feet below the water table.
 - b. A shallow well shall be installed near well B-8 with the screening interval extending from 5 feet above to 5 feet below the water table, as in item a.

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- c. A monitor well shall be installed in the area of well B-8 with the screening interval intersecting the upper 10 feet of the limestone bedrock. The well shall be backfilled such that it is sealed with bentonite above the top of the limestone.

In addition, well B-1-A shall be replaced as specified in your September 14, 1981 letter to Rauf Piskin of this Agency. Further, prior to any Supplemental Operating Permits being issued for additional areas, installation of these monitoring wells shall be completed, and a background chemical analysis of the water from each new well, the construction details for each new well and the boring log for each new well shall be submitted to this Agency.

4. This permit is subject to review and modification by the Agency as deemed necessary to fulfill the intent and purpose of the Environmental Protection Act, and all applicable environmental rules and regulations.
5. This Agency reserves the right to require installation of additional monitoring devices, to alter the selection of parameters to be analyzed and to alter monitoring frequencies as may be necessary to fulfill the intent of the Environmental Protection Act.

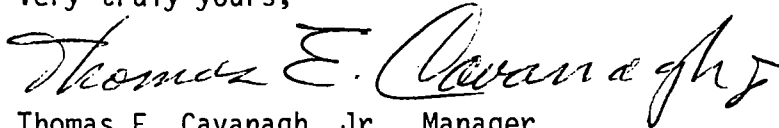
To avoid possible confusion in regard to site development and operating requirements, Special Condition 2 of Experimental Permit No. 1976-17-OP, dated February 20, 1981 is hereby amended to read as follows:

Prior to a Supplemental Operating Permit being issued for Phase III, an inspection manhole shall be installed at the low point of the bottom liner in Phase III to allow for leachate monitoring and removal if determined by the Agency to be necessary at some future date.

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Except as modified in the above documents, the site shall be developed and operated in accordance with the terms and conditions of Experimental Permit No. 1976-17-OP, dated February 20, 1981.

Very truly yours,

A handwritten signature in cursive script, reading "Thomas E. Cavanagh, Jr.", written in dark ink.

Thomas E. Cavanagh, Jr., Manager
Residual Management Section
Division of Land/Noise Pollution Control

TEC:RWJ:vlt

cc: Northern Region
Charles W. Greenwood Associates, Inc.
Groundwater Management Section

Attachment